

3M™ Zinc Spray 16-501

Data Sheet

January 2019

Product Description 3M™ Zinc Spray 16-501 is a dispersion of fine powdered 97% pure zinc in petroleum distillates, used to inhibit rust and corrosion of metal surfaces.

- Product Features**
- Non-corrosive
 - Controlled drying
 - Non CFC
 - Halogen free
 - Easy application by aerosol spray
 - Meets MIL-P26915D
 - Comparable to hot dip galvanizing (at 0.0015 inch thickness)

Applications Helps protect metal (iron or steel) from corrosion during long term exposure to corrosive environments. Use on electrical generation, transmission and distribution equipment including towers, transformers, light standards and other metal and galvanized surfaces.

DANGER! Product is extremely flammable. Do not use on energized equipment.

Other precautionary and first aid information for this product may be found in its Safety Data Sheet and on the product container.

Characteristics and Test Data

Physical Properties	Typical Value
Color	Gray
Flash Point	-78°F (Test method; Closed cup)
LEL	0.9% by vol.
UEL	approx. 10% by vol.

Note: These are typical values and should not be used for specification purposes.

Application Techniques The aerosol container makes 3M zinc spray 16-501 easy to use. Clean surface thoroughly. Apply directly to dry metal or galvanized surface. Do not apply over paint or coatings.

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Directions for Use**DO NOT SHAKE CAN UP AND DOWN**

1. Turn can upside down. Hit sides while rotating can in 1/4 turns until ball breaks loose.
2. Hold can and swing in a circle until ball travels freely.
3. Repeat after each minute of use.
4. Hold can 8-10 inches from surface and apply evenly.
5. To help prevent clogging, clear the valve by holding can upside down

Maintenance

To ensure zinc spray does not plug aerosol nozzles or sputter and drip when sprayed, hold the can in upright position and push the nozzle all the way down when spraying.

Availability

3M zinc spray 16-501 is available in 16 fl. oz. can size (14oz. net weight) with 12 cans per case. Please contact your local distributor; available from 3M.com/electrical [Where to Buy] or call 1.800.245.3573.

Shelf Life & Storage

3M™ Zinc Spray 16-501 has a 3-year shelf life from date of manufacture when stored in a humidity controlled storage (10°C/50°F to 27°C/80°F and <75% relative humidity).

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